

ASSIGNMENT

WHEREAS, DOUGLAS A. KIRKPATRICK, residing at 10929 Beach Mill Road, Great Falls, VA 22066, Assignor, has invented a new and useful invention entitled **BIOSENSOR FOR USE IN TOXICITY ASSESSMENT AND PHARMACOLOGICAL SCREENING** for which applications for United States Letters Utility Patent were filed by him bearing Serial Nos. 09/880,138 and 09/928,708, filed on June 12, 2001 and August 10, 2001, respectively, and executed by him on or about the same date as this Assignment; and

WHEREAS, Assignor believes himself to be an original, first and joint inventor of the invention disclosed and claimed in the applications for Letters Patent; and

WHEREAS, Science Applications International Corporation, having a place of business at 10260 Campus Point Drive, San Diego, California 92121, Assignee, desires to acquire by formal, recordable assignment the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee, the entire right, title and interest in and to the invention, the applications, and any Letters Patent that might be granted for the invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and his legal representatives and assigns will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the invention, the applications, and any Letters Patent granted for the invention in the United States and throughout the world:

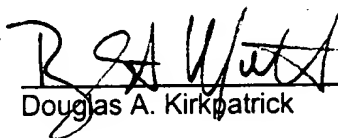
Assignor represents and warrants that he has not granted and will not grant to others any rights inconsistent with any of the terms, conditions, or provisions of this Assignment.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the invention, whether on the applications or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the invention.

IN WITNESS WHEREOF, Assignor has executed this Assignment.

Assignor

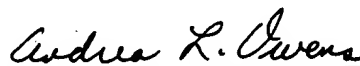
Date: 7 February 2002


Douglas A. Kirkpatrick

State of MARYLAND)
County of MONTGOMERY) ss.

On this 7th day of FEBRUARY, in the year of 2002, before me personally appeared **DOUGLAS A. KIRKPATRICK**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.


Notary Public in and for Said
County and State

A S S I G N M E N T

WHEREAS, James J. Hickman (hereinafter "Assignor"), either alone or in combination with others, has invented a Biosensor for Use in Toxicity Assessment and Pharmacological Screening, for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office and been identified by said Office as Application Number 08/912,033 (hereinafter collectively "Invention"), and believes himself to be a first, original and either sole or joint inventor of said Invention.

WHEREAS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION, a Delaware corporation, having a place of business at 10260 Campus Point Drive, San Diego, California 92121, as Assignee (hereinafter "Assignee"), is contractually entitled to acquire by formal, recordable assignment Assignor's entire right, title and interest in and to the Invention, and any Letters Patent that might be granted for the Invention in the United States and throughout the world;

NOW, THEREFORE, in acknowledgment of good and valuable consideration, the receipt and sufficiency of which Assignor hereby acknowledges, Assignor hereby sells, assigns and transfers to Assignee, Assignor's entire right, title and interest in and to the Invention, and any Letters Patent that might be granted for the Invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and his legal representatives and assigns will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for, obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the Invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the Invention, the application, and any Letters Patent granted for the Invention in the United States and throughout the world.

Assignor represents and warrants that he has not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment.

Assignor authorizes and requests the Commissioner of Patents of the United States and of all foreign countries to issue any Letters Patent granted for the Invention, whether on the pending application referenced above or any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of Assignor's entire interest in the Invention.

IN WITNESS WHEREOF, Assignor has executed this Assignment.

Assignor:

Date: 2-2-98

[Signature]

[Agreement must be executed in the presence of a Notary Public]

[Signature]

JAMES M. REED
Notary Public District of Columbia
My Commission Expires June 30, 2002